

What is claimed is:

1. A wire component management system having an enclosure for housing a plurality of components, the system comprising:

a rack having a plurality of posts;

5 at least one drawer, being mounted to the posts of the rack, the drawer having a pair of outside walls, a pair of movable side walls and a component mounting board located between and being movable together with the movable side walls; and

a hinged wire manager being mounted between one of the movable side walls and one of the outside walls, the hinged wire manager having first and second arms being connected to
10 each other by a hinge.

2. The wire component management system of claim 1 wherein the hinge comprises a pin passing through respective pin receiving openings formed in each arm.

15 3. The wire component management system of claim 2 wherein each arm has a wire receiving passageway defined by top, bottom and side walls.

4. The wire component management system of claim 3 wherein each wire receiving passageway has an opening adjacent the pin.

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5. The wire component management system of claim 4 wherein a wire is managed through the hinged wire manager by passing through the wire receiving passageway of the first

arm, being looped around the pin, passing through the wire receiving passageway of the second arm and being connected to a component on the component mounting board.

6. The wire component management system of claim 5 wherein the wire exits each
5 opening adjacent the pin and is passed through a crossover point wherein the wire is crossed over
itself to close a wire loop around the pin.

7. The wire component management system of claim 6 wherein a length of the wire
within the hinged wire manager remains approximately constant through a motion of the
10 component mounting board.

8. The wire component management system of claim 7 further comprising a wire
manager being mounted on the component mounting board.

15 9. The wire component management system of claim 7 wherein the component
mounting board has a plurality of square openings arranged in a first set of rows and columns for
receiving a hinge end of a component mounted thereon.

10. The wire component management system of claim 9 wherein the component
20 mounting board has a plurality of round openings arranged in a second set of rows and columns
being spaced from the first set of rows and columns for receiving a securing end of a component
mounted thereon.

11. A wire management system enclosure having side walls and at least one wire receiving opening formed in the side walls for receiving wires passing into the enclosure comprising:

5 component mounting boards being positioned within the enclosure at a first and second levels where the component mounting board located on the first level is behind the component mounting board located on the second level;

a hinge being fixed between a side of the component mounting board on the second level and a side wall of the enclosure; and,

10 a opening located in the component mounting board on the second level adjacent the hinge for passing wires therethrough from the an area near the first level.

12. The wire management system enclosure of claim 11 wherein the component mounting boards each have a plurality of square openings arranged in a first set of rows and columns for receiving a hinge end of a component mounted thereon.

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13. The wire management system enclosure of claim 12 wherein the component mounting boards each have a plurality of round openings arranged in a second set of rows and columns being spaced from the first set of rows and columns for receiving a securing end of a component mounted thereon.

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14. The wire management system enclosure of claim 13 further comprising a ledge extending outward from one of the component mounting boards for mounting components generally orthogonal to the component mounting board.